REMARKS

Claims 1-54 are in the application. Claims 32, 33, 35-39 and 42-48 have been withdrawn from consideration (although Applicant respectfully requests that the Examiner consider these dependent claims upon allowance of the claims on which they depend). Claims 1-31, 34, 40-41, and 49-54 have been rejected under 102(e) in view of Hagiuda, et al. (Hagiuda), US Patent No. 6,182,225.

With respect to the restriction requirement, Applicant requests that the restriction requirement be reconsidered. Applicant submits that the claims on which the restricted claims depend are allowable, and, for example, the packet type would not require additional substantial examination or searching. Applicant requests that the dependent claims that have been withdrawn from consideration also be examined and allowed at this time.

All prior art rejections were premised on the Hagiuda reference. Applicant submits that, for the reasons explained below, Hagiuda is readily distinguishable from the invention defined by the presently pending claims, and all claims should be allowable.

As explained previously, Applicant submits that Hagiuda does not describe a remotely updatable programmable logic device (PLD) based system, such as is recited in the presently pending claims. In fact, as explained previously, Applicant submits that Hagiuda appears to teach away from the use of a network management protocol such as SNMP with a remotely updatable PLD-based system, as Hagiuda expressly teaches that the SNMP program executing in NB101 is stored in Read-Only Memory (ROM) (see, e.g., col. 14, lines 12-13 and Fig 3).

Applicant notes that the term "programmable" in the context of a programmable logic device indicates that the logic device be programmable, such as via an updatable configuration. This is very different from a device that uses read-only (i.e., not programmable) memory to store an SNMP application. However, in order to clarify the claimed invention and expedite prosecution, Applicant has chosen to amend the claims to more clearly claim certain aspects of the present invention, such as certain programmable aspects of a PLD device via updated configuration information. Applicant submits that the presently pending claims as amended should be allowable over the cited art.

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Reconsideration and allowance is requested. If there are any questions regarding the foregoing, Applicant would like an opportunity to discuss such questions with the Examiner by way of a telephone or in-person interview.

Please charge any additional fees due, or credit any overpayment, to Deposit Account No. 50-0251.

No new matter has been added.

Respectfully submitted,

Alan R. Loudermilk
Registration No. 32,788
Attorney for Applicant(s)

January 26, 2006
Loudermilk & Associates
P.O. Box 3607
Los Altos, CA 94024-0607
408-868-1516

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